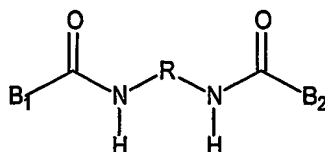


CLAIMS

1. Process for preparing a high-molecular polyamide, polyester, copolyester, copolyamide or polyester-amide block copolymer by melt-mixing a polyamide, a polyester, copolyesters or a mixture or mixtures of a polyamide and/or a polyester having a lower molecular weight, than the polymer obtained with the process of the invention, with an diisocyanate, characterized in that the diisocyanate is a blocked diisocyanate having following the formula,



10

wherein R = linear, branched or cyclo aliphatic C₂-C₂₀ or aromatic C₆-C₂₀ and B₁, B₂ = caprolactam, imidazole, dimethyl-pyrazole, triazole, oxim, malonic acid ester, ethylacetylacetonate, phenol, cresol, aliphatic alcohol, secondary amine, hydroxy benzoic acid methyl ester.

15

2. Process according to Claim 1, characterized in that use is made of 0.05 to 4 wt.% of the blocked diisocyanate, relative to the polyamide, the polyester, the copolyester or the mixture or both.
3. Process of any one of claims 1-2, wherein the melt mixing is done in an extruder.
4. Process of claim 3 wherein the extruder is a twin-screw extruder.

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